## TECHNICAL SCHEDULE VII

## QUALITY ASSURANCE & QUALITY CONTROL PLAN

The Bidder shall provide copies of the company's standard rules and regulations regarding quality assurance and quality control procedures for works in general and works of a similar nature.

The Bidder shall provide its proposed Quality Assurance and Quality Control Plan in detail so as to demonstrate the procedures and tests that will be used to ensure that the quality concerns and requirements as set forth in conditions of contract, Quality Assurance as given in Volume 2, Technical Specifications are satisfactorily met.

The proposed plan will describe but not limited to:

- The type, frequency and procedure of tests to be done on sites;
- Type, frequency and procedure of tests to be done in pipe manufacturing units at site, if applicable;
- Type, frequency and procedure of tests to be done at manufacturers' locations outside the sites;
- All parameters to be measured in these tests; permissible limits of such parameters; details of laboratories to be established at sites; details of testing equipments & machines and their calibration schedules
- Details of the Bidder's internal systems for assuring quality control at the manufacturers' works outside the sites;
- Details of qualifications and experience of the Quality Control professionals to be deployed for the entire project; and
- The systems of Quality Audit to be instituted for systematic and professional management as well as adherence with the highest standards of quality of all construction works.
- All the tests of samples taken from the site are proposed to be done through recognized test houses of international standards and number of samples and frequency of sampling of materials brought to the site and the products manufactured at site shall be as per I.S. Specifications. All such samples

shall be taken in the presence of Employer's authorized representatives or the Engineer.

The Bidder shall provide separate descriptions of its proposed QA/QC plan during the construction phase, and the subsequent operations and maintenance phase.

This will be an initial QA/QC plan which will address to basic requirements of Quality control and Quality assurance of the works.